

IMU2

Incident Management Utilities

Lt Col Peter Andersen





Once upon a time, life was simple

- CAPF 101 Cards really meant that the member was qualified
- CAP was looking for ELT or overdue AC
- Sign-in used CAPF 103 and CAPF 121
- CAPF 104/109 used for flight release
- CAPF 122 was the reporting document
- These documents were placed in an envelope and filed



Then, one day

- Lawyers happened
- The Air Force happened
- Government happened (ICS)
- Katrina happened
- WMIRS happened
- Fossett happened



And then

- NIMS/ICS Mandate happened



And so, today we have

- Mandated ICS forms
- Need to check individual participant qualifications
- Reporting to multiple agencies
 - WMIRS
- Multi-wing Missions
- New Procedures
- Complex taskings
- Fewer members



Incident Management Utilities (IMU) Features

- The IMU reduces manpower requirements related to managing a CAP incident through:
 - Automation of monitoring tasks
 - Automation of information lookup
 - Reduction of paperwork input
 - Support of task distribution
 - Integration of functional checklists
 - Support for NIMS/ICS procedures

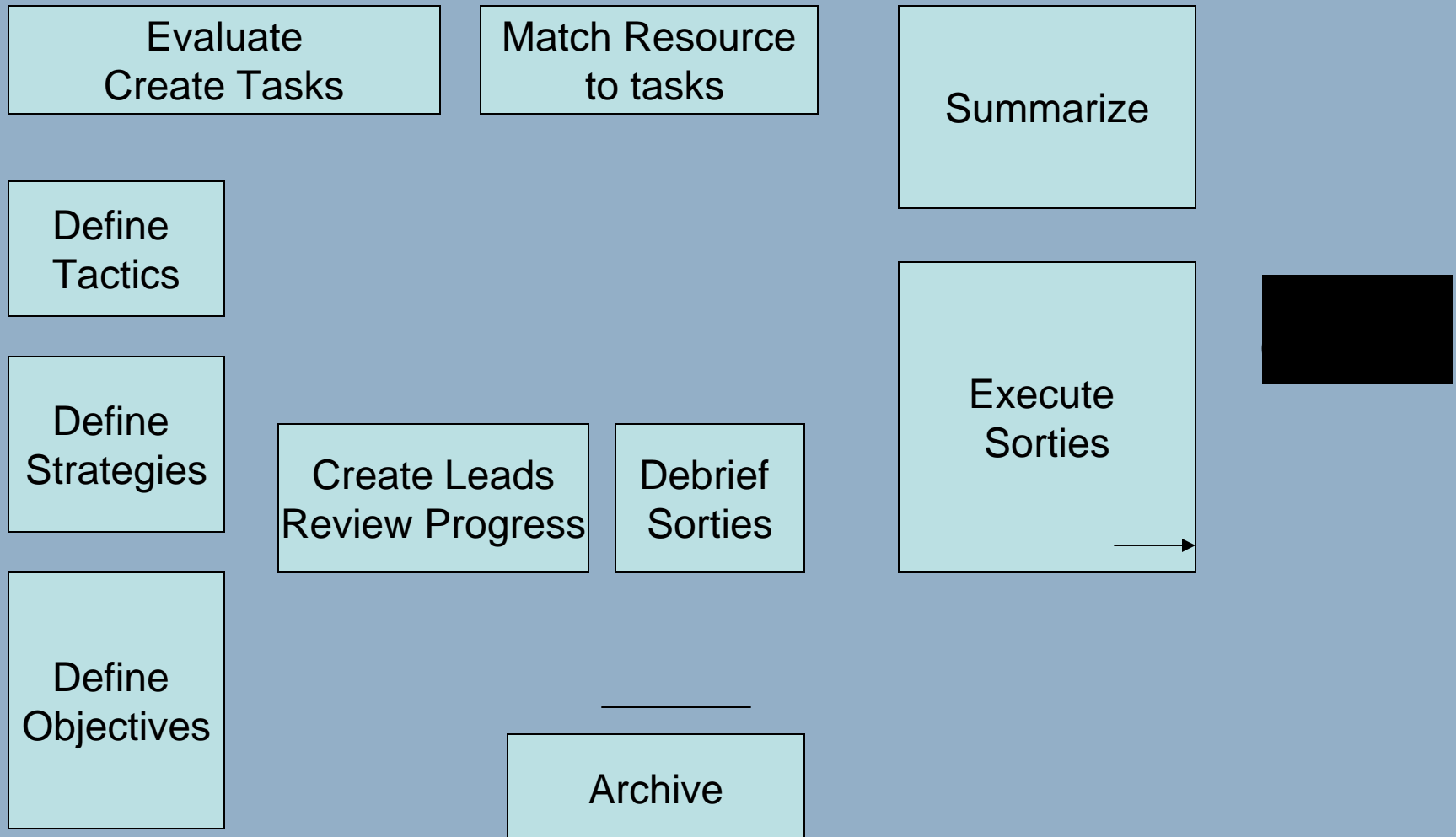


Mission Automation Works!

- The largest search in CAP history for Fossett was managed by a small team using the IMU
 - Every CAP manager involved explicitly stated that the mission could not have been conducted without the IMU
 - Multiple wings were seamlessly integrated into the mission

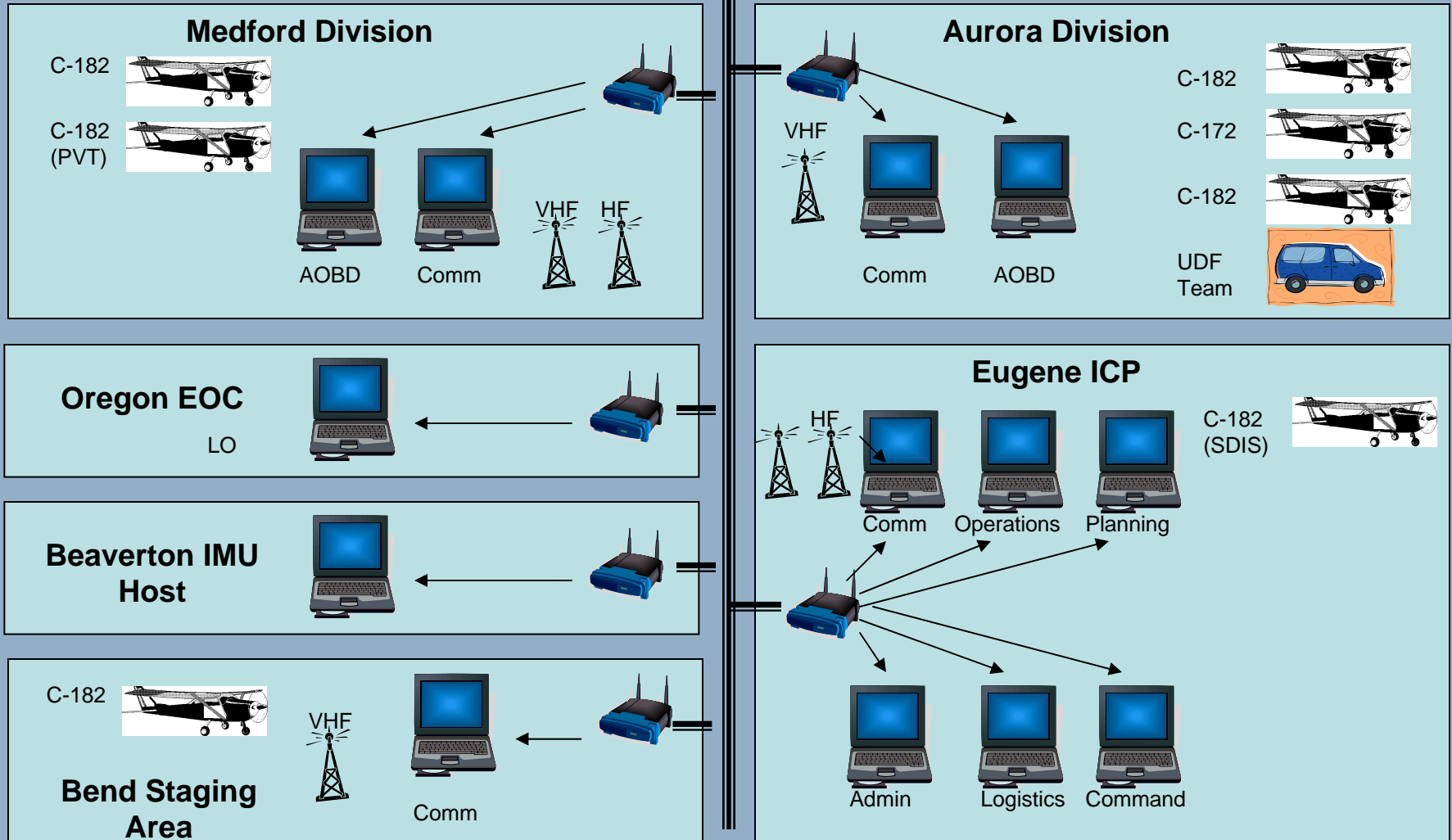


IMU Conceptual Flow





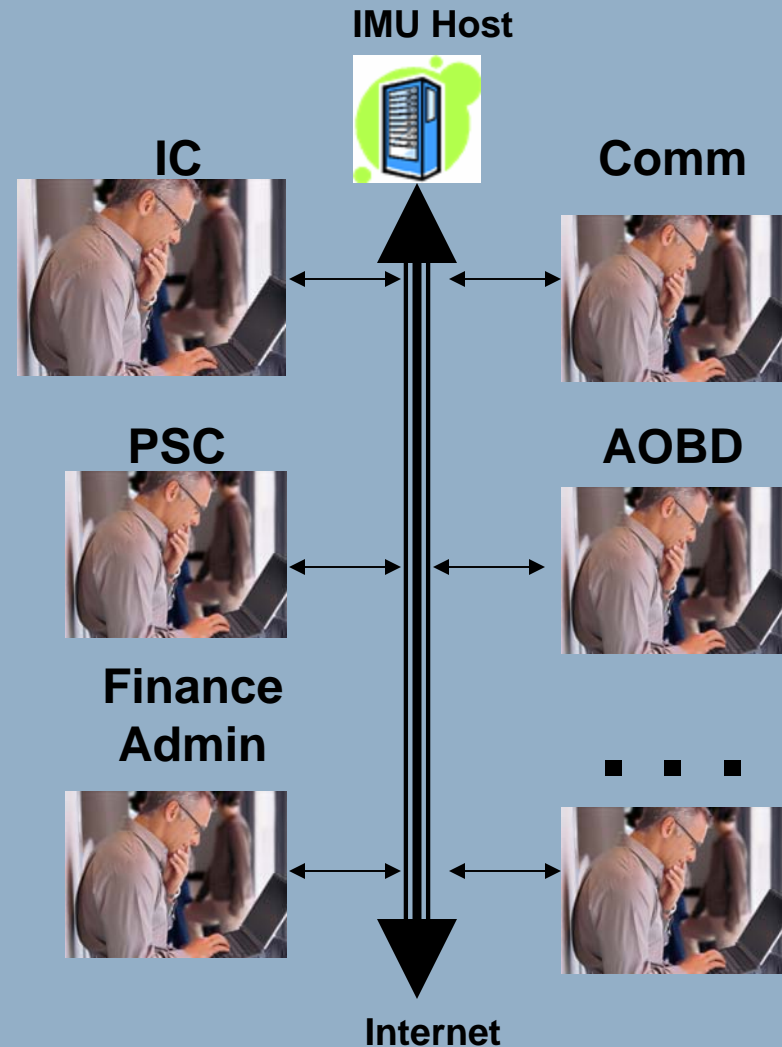
IMU Configuration Options





IMU Modes

- VIRTUAL
 - Geographically unlimited
 - Real time access to WMU/OPS Qual*
 - Requires Internet access in real time
 - All clients have full copy of database
 - WMIRS upload

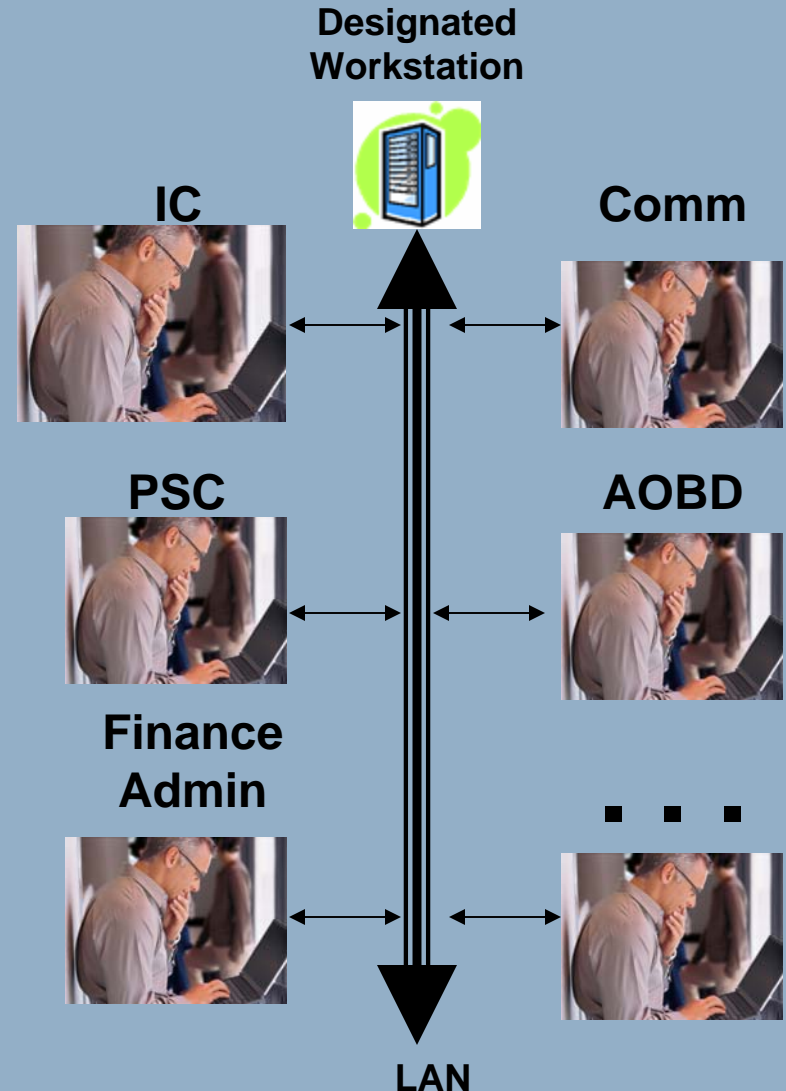




IMU Modes

- LAN

- Common ICP to manage incident
- Database downloaded from WMU/Ops Qual prior to incident open
- WMIRS/WMU upload
- Wireless, Ethernet
 - Requires Hub or Switch





IMU Modes

- Local
 - Single User
 - ELT
 - Database downloaded from WMU/Ops Qual prior to incident open
 - WMIRS/WMU upload

IC





IMU Capabilities

- What it is
 - Insures resource qualifications
 - Automates repetitive tasks
 - Monitors resource data
 - Automates complex computations
 - Manages paperwork
 - Seamless Incident Complex support
 - Multiple mission numbers
- What it is NOT
 - Replacement for trained staff
 - A decision maker



IMU Examples

- Crew Checkin
 - Qualification Validation
- Customer Request
 - Mission Number creation
- Tasking Generator
 - Link to assign crew/assets to specific mission
- Sortie Creation
 - Asset management
 - Leader validation
 - Briefing
- Status Update
 - Communications
- Grid Assist
 - Graphic Overview
- Debrief
 - Lead documentation
- Reports
 - Real time
 - Archive
- WMIRS
 - Upload



Simple Mission

- Demo



Internal Reports

Incident Log

File Options

Mission: 07M12104 Incident Log for All Sections

Time Stamp Event

Section

New

Enter

Initials

Time Stamp	Event
20:38:07 07/16/07	returned call from Charlie Sattgast (503-307-1511). Updated him. He will let the family know what we are doing.
18:26:38 07/16/07	3622 reports that the Becker is detecting carrier only ELT r/w of grid. IC gave permission to leave grid to pursue. No CAP aircraft are operating NW of location.
08:55:05 07/16/07	Contacted AFRCC. Contact is Sgt Bennett. Advised her that we will be working low key with few (if any) resources today as our members recover from the intensity of the previous week.
08:49:55 07/16/07	Contacted Veach and he agreed to work com today.
21:24:45 07/15/07	closing down UAO and returning home and will finish from there.
20:49:40 07/15/07	Distributed aircraft disposition data via email to Wing. N98426 - VUO - loaned to WAW/G in trade for N9303E N98836 - UAO N9313K - SLE N1015P - VUO

Incident Phone Book

Refresh

Name

Phone Number Email Notes

Save

Name	Phone Number	Email	Notes
AFRCC	850-283-5101		FAX
AFRCC	800-851-3051		Console

MemberLocator

View

Member Name	Checkin Time	Checkout Time	Last Duty	Cell Phone
Adcock, Winton M Jr	13:00 07/13/07		AC - Aircrew Member (Q)	
Aldred, Jeremy C	14:25 07/13/07		AC - Aircrew Member (Q)	
Andersen, Peter L	08:14 07/20/07		AC - Aircrew Member (Q)	503-807-3419
Anderson, Allen P	13:00 07/13/07		AC - Aircrew Member (Q)	
Ayers, David D	10:05 07/13/07		AC - Aircrew Member (Q)	
Bell, Janet N	07:13 07/13/07		AC - Aircrew Member (Q)	
Bishop, Brian L	00:23 07/20/07		AC - Aircrew Member (Q)	971-322-4043
Coleman, Michael E	19:29 07/13/07		AC - Aircrew Member (Q)	
Flopp, Henry G	19:33 07/13/07		MRO - Radio Operator (Q)	
Fromme, Anne J	07:43 07/13/07		AC - Aircrew Member (Q)	
Han, William Nick	07:17 07/13/07		AC - Aircrew Member (Q)	
Hawken, Harvey H	08:08 07/13/07		AC - Aircrew Member (Q)	
Hawken, Janet G	08:08 07/13/07		AC - Aircrew Member (Q)	
Hesselt, Mark S	06:22 07/13/07		Kendrick, LD Aircrew Available	
Hunt, Kenneth R	07:19 07/13/07		McGinley, DC Aircrew Available	503-805-7622
Jackson, Billy W	07:41 07/13/07		POOL - AVAILABLE POOL (Q)	
Kaehler, Mark R	10:29 07/13/07		Kaehler, MR Aircrew Available	
Kemmer, Mark L	07:11 07/13/07		AC - Aircrew Member (Q)	971-645-3595
Kendrick, Larry D	06:19 07/13/07		Kendrick, LD Aircrew Available	
Kostich, William T	07:13 07/13/07		AC - Aircrew Member (Q)	503-317-9272
Kress, Charles M	08:41 07/13/07		Rupert, MM Aircrew Available	

Close

Availability

Options

From 04/20/07 00:00 To 07/20/07 23:59

Wing OR Unit

Cal

Type Section Qualification(s) Special

Ar Operations Aircrew Members

Search Database

Member Name	Unit	Home Phone	Work Phone	Cell Phone	Pager	Start	End	Notes
Lawrence, Robert L	034	(503) 888-3356	(503) 888-3356	19338883356@monal.net		06/09/07 00:00	06/09/07 23:59	
Lawrence, Robert L	034	(503) 888-3356	(503) 888-3356	19338883356@monal.net		04/07/07 00:00	04/30/07 23:59	
Rosenberg, Ila	001	(503) 661-6406	96253340759@vnet.com	04/18/07 00:00	05/28/07 23:59			
Rosenberg, Ila	001	(503) 661-6406	96253340759@vnet.com	06/19/06 00:00	05/14/07 23:59			
Rosenthal, Arnold H	007	(541) 476-4324				06/01/07 00:00	06/30/07 23:59	
Rosenthal, Arnold H	007	(541) 476-4324				04/28/07 00:00	05/28/07 23:59	
Rosenthal, Arnold H	007	(541) 476-4324				04/02/07 00:00	04/20/07 23:59	

Member Specialty Qualifications

All contact information is derived from information entered into MIMS. Information entered only in the VMU may not be shown.

SAR/DR Mission Pilot

Name	Unit	Home Phone	Work Phone	Cell Phone	Pager
Adams, Christopher V W	OR-054	541-482-9152			
Aldred, Jeremy C	OR-085	503-702-4593			
Asher, Robert P	OR-085	503-632-7004	503-233-2393	503-204-1855	
Bakker, Scott W	OR-105	541-412-8039	707-465-1000		
Bartholomew, Scott J	OR-001	503-848-3391	503-704-0400		
Bishop, Brian L	OR-001	503-533-9140	503-617-7447	971-322-4043	
Bowman, Brent R	OR-034	503-645-1935	503-952-5371	503-784-8054	
Dirken, Dan W	OR-037			541-210-0787	
Guy, Gregory	OR-042	503-606-9565			
Harper, Laura A	OR-042	541-689-6207	541-688-20754154		

CAP1108

Data shown on this page represents an approximation of the actual anticipated incident costs. Its accuracy is dependent on entry of expenses that are not associated with tasked air or ground sorties.

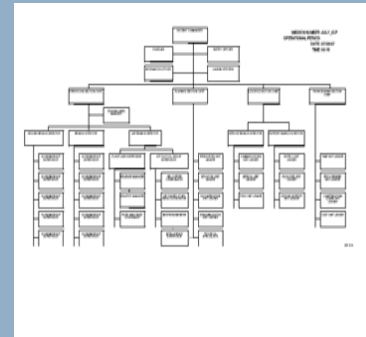
Click on link below to create a new Member Chain entry. Click on Greens links to edit estimated costs.

Items in Blue can only be modified using source release.

Date	Sortie	Type	Hq	ID	Owner	Hrs/M	Rate	Manr	Fuel/OL	Adjust	Comes	Sub Tot
11 Jul	7	C182	C182	N1015P	WING	5	41.00	205.00	220.60			433.60
12 Jul	11	C182	C182	N1015P	WING	2.5	41.00	102.50	150.22			252.72
12 Jul	8	C182	C182	N1015P	WING	0.5	41.00	20.50	49.91			69.41
12 Jul	6	C182	C182	N1015P	WING	0.5	41.00	20.50	0			20.50
12 Jul	1	C182	C182	N1015P	WING	4.4	41.00	180.40	175.32			355.72
13 Jul	11	C182	C182	N1015P	WING	1.6	41.00	65.60	91.05			156.65
13 Jul	3	C182	C182	N1015P	WING	4.7	41.00	192.70	200.14			392.84
14 Jul	9	C182	C182	N1015P	WING	3.9	41.00	159.90	194.1			354.00
15 Jul	12	C182	C182	N1015P	WING	0.4	41.00	16.40	18.23			34.63
15 Jul	5	C182	C182	N1015P	WING	3.1	41.00	127.10	160.48			287.58
08 Jul	6	C182	C182	N9313K	WING	2.1	41.00	86.10	100.9			187.00
08 Jul	10	C182	C182	N9313K	WING	2.5	41.00	102.50	110.62			221.12
08 Jul	3	C182	C182	N9313K	WING	0.3	41.00	12.30	11.04			23.34
09 Jul	4	C182	C182	N9313K	WING	1.9	41.00	77.90	119.68			197.58
09 Jul	11	C182	C182	N9313K	WING	2.1	41.00	86.10	105.48			191.58
09 Jul	21	C182	C182	N9313K	WING	1.8	41.00	73.80	89.08			162.88
09 Jul	26	C182	C182	N9313K	WING	1.9	41.00	77.90	79.34			157.04
10 Jul	1	C182	C182	N9313K	WING	1.8	41.00	73.80	129.89			203.69
10 Jul	7	C182	C182	N9313K	WING	2.5	41.00	102.50	126.84			231.34
10 Jul	13	C182	C182	N9313K	WING	3	41.00	123.00	110.93			233.93
11 Jul	10	C182	C182	N9313K	WING	1	41.00	41.00	52.5			93.50
11 Jul	9	C182	C182	N9313K	WING	4.4	41.00	180.40	230.53			410.93
12 Jul	10	C182	C182	N9313K	WING	0.5	41.00	20.50	32.84			53.34

Information shown on this page is provided only as a tool to assist in estimating incident cost. Actual CAP1108 forms should be generated either manually or using the WMS.

Acft Cost	Fuel/OL	Adjust	Other	Total
\$,000.00	\$,541.00	\$,00	\$,00	\$1,041.00

[illegible][illegible][illegible][illegible]

BIOLOGICAL FLUIDS & TISSUES PLASMA		EXTRACT	GENE	PROTEIN
Source	Human	Human	Human	Human
Sample ID	1	1	1	1
Sample Name	Human plasma	Human plasma	Human plasma	Human plasma
Sample Type	Plasma	Plasma	Plasma	Plasma
Sample Volume	100 µL	100 µL	100 µL	100 µL
Sample Concentration	100 µg/mL	100 µg/mL	100 µg/mL	100 µg/mL
Sample Storage	-80 °C	-80 °C	-80 °C	-80 °C
Sample Handling	Centrifuge at 14,000 x g for 10 min at 4 °C. Transfer supernatant to a clean vial. Store at -80 °C.	Centrifuge at 14,000 x g for 10 min at 4 °C. Transfer supernatant to a clean vial. Store at -80 °C.	Centrifuge at 14,000 x g for 10 min at 4 °C. Transfer supernatant to a clean vial. Store at -80 °C.	Centrifuge at 14,000 x g for 10 min at 4 °C. Transfer supernatant to a clean vial. Store at -80 °C.
Sample Analysis	Western blotting, ELISA, Mass spectrometry	Western blotting, ELISA, Mass spectrometry	Western blotting, ELISA, Mass spectrometry	Western blotting, ELISA, Mass spectrometry
Sample Notes	Human plasma sample for Western blotting and ELISA analysis.	Human plasma sample for Western blotting and ELISA analysis.	Human plasma sample for Western blotting and ELISA analysis.	Human plasma sample for Western blotting and ELISA analysis.

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CAPF 104

CAPF 110

CAPF 106

Log

Cust Request

POD Summary

Not Shown

- CAPF 109
- CAPF 84
- WMIRS Summary

Tasking Order

ICS 205



Archiving

- Mission database can be archived onto WMU server database with upload option
- Sortie information is transferred to WMIRS on WMU upload
 - See e-Services Extensions for personal vehicle to and from mission WMIRS support.

A screenshot of the IMU Database Manager application window. The window has a blue title bar and a yellow background. It contains two tabs: "Incident Management" and "Core Management". Below the tabs is a text box explaining the form's purpose. A table with three columns (Incident, Date, Last Upload) and three rows of data is shown. Below the table is a large grey area for additional information. At the bottom, there is a "Close" button and a note about clicking on colored Upload or Remove Incident buttons.

IMU Database Manager

Incident Management | Core Management

This form provides the ability to upload missions to the WMU and to remove missions when they have been uploaded. It can only be used when the workstation has internet connectivity and is running as either a Host or in the Local mode.

Incident	Date	Last Upload	
07M1296	7/23/2007		Upload
07M1296	7/24/2007		Upload
07M1296	7/25/2007		Upload

Click on the colored Upload or Remove Incident to perform the operation.

Close



IMU Users

- There are over 150 registered users representing 29 wings
 - AZ, CA, CO, DE, FL, HI, IA, ID, IL, MA, MI, MO, ND, NE, NJ, NM, NV, NY, OH, OK, OR, PA, SC, TN, TX, UT, WA, WI, WY
- Register, Download and get Database from WMU (MIMS data is used – WMU is not required for wing use)
 - WMU.NAT.CAP.GOV
 - IC Button
 - Wing Database Button

Questions

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